

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

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Application No.: U. S. National Stage of PCT/JP00/06683

Filed: February 19, 2002

Docket No.: 111970

For: COOLANT, METHOD OF ENCLOSING COOLANT, AND COOLING SYSTEM #5

INFORMATION DISCLOSURE STATEMENT

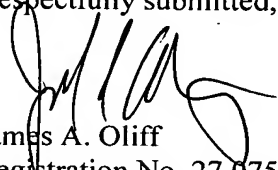
Director of the U.S. Patent and Trademark Office  
Washington, D.C. 20231

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- ☒ 2. Relevance of the non-English language reference 7 is discussed in the present specification.
- ☒ 3. The references 3-7 were cited in a counterpart foreign application. An English language version of the foreign search report is attached for the Examiner's information.
- ☒ 4. English-language Abstracts of the non-English language references 1-2 and 4-7 are attached hereto.

Respectfully submitted,

  
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## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP00/06683

A. CLASSIFICATION OF SUBJECT MATTER  
Int.Cl.<sup>7</sup> C09K5/10, H01M8/02, C23F11/10

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
Int.Cl.<sup>7</sup> C09K5/10, H01M8/02, C23F11/10

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
WPI/L (QUESTEL)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	JP, 54-39389, A (Toyo Kogyo Co., Ltd.), 26 March, 1979 (26.03.79), comparison example 1 (Family: none)	1-10 11-17
X A	JP, 4-279690, A (Sekiyu Sangyo Kasseika Center), 05 October, 1992 (05.10.92), Par. No. 0006; working example 1; table 1 (Family: none)	1-10 11-17
X	JP, 52-94880, A (NIPPON OIL COMPANY, LTD.), 09 August, 1977 (09.08.77), Claims; working example 1; comparison example 1	1-10 11-17
A	JP, 56-32581, A (ASAHI DENKA KOGYO K.K.), 02 April, 1981 (02.04.81), Claims; working example; comparison example (Family: none)	1-17
A	JP, 2-21572, A (The Tokyo Electric Power Company, Incorporated), 24 January, 1990 (24.01.90), Claims (Family: none)	1-17

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

\* Special categories of cited documents:  
"A" document defining the general state of the art which is not considered to be of particular relevance  
"E" earlier document but published on or after the international filing date  
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  
"O" document referring to an oral disclosure, use, exhibition or other means  
"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  
"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone  
"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art  
"&" document member of the same patent family

Date of the actual completion of the international search  
14 December, 2000 (14.12.00)

Date of mailing of the international search report  
26 December, 2000 (26.12.00)

Name and mailing address of the ISA/  
Japanese Patent Office

Authorized officer

Facsimile No.

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